

From: [Denise Zeno](#)
To: [Rebecca Ofrane](#)
Cc: [Jeff Catanzarita](#); [Arlene Anderson](#); [Michael Moltzen](#)
Subject: Re: Fw: Cabo Sampling Location Info
Date: 04/04/2012 03:34 PM

there are no septic tanks in the area the site is located in the center of town and everyone is connected to PRASA.

during our initial investigation we asked everyone in the area about septic tanks and there answer was that the town have been connected to PRASA for decades. The Ana Maria Strip Mall was built on vacant farming land.

▼ [Rebecca Ofrane---04/04/2012 02:58:04 PM---I think Jeff is referring to my statement that I would compare the results to other risk levels in a](#)

From: Rebecca Ofrane/R2/USEPA/US
To: Denise Zeno/R2/USEPA/US@EPA
Cc: Jeff Catanzarita/ERT/R2/USEPA/US@EPA, Arlene Anderson/R2/USEPA/US@EPA, Michael Moltzen/R2/USEPA/US@EPA
Date: 04/04/2012 02:58 PM
Subject: Re: Fw: Cabo Sampling Location Info

I think Jeff is referring to my statement that I would compare the results to other risk levels in addition to the RALs, which I just completed.

Using the most conservative values (based on residential scenario, and the lower of the cancer or noncancer values), there were a number of exceedances above the 10⁻⁴ or HI=1 screening values. The only contaminants that exceeded these screening values were benzene, ethylbenzene, and chloroform, and benzene was also exceeded in the trip blank and four of the ambient samples, and ethylbenzene was exceeded in one of the ambients. Chloroform is a common contaminant near septic systems, were there septic in these areas? Again, when compared to RALs (10⁻⁶ or HI=3), there were no exceedances.

Let me know if you'd like to have a call to discuss these results, perhaps after the QA'd data is in.

Jeff, you mentioned SS data coming in, is that for these buildings where the IA was sampled? Is there any more data expected?

Becky Ofrane
U.S. EPA Region 2 | Superfund Risk Assessment
(212) 637 4302
ofrane.rebecca@epa.gov

▼ [Denise Zeno---04/04/2012 02:34:43 PM---look in your email for a message from Rebecca Ofrane on 04/02/2012 06:16 PM From: Jeff Catanzarita/](#)

From: Denise Zeno/R2/USEPA/US

To: Jeff Catanzarita/ERT/R2/USEPA/US@EPA
Cc: Rebecca Ofrane/R2/USEPA/US@EPA, Arlene
Anderson/R2/USEPA/US@EPA, Michael Moltzen/R2/USEPA/US@EPA
Date: 04/04/2012 02:34 PM
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look in your email for a message from Rebecca Ofrane on 04/02/2012 06:16 PM

▼ Jeff Catanzarita---04/04/2012 01:55:41 PM---that is good news any info on the risk based # yet Slab data should be here friday

From: Jeff Catanzarita/ERT/R2/USEPA/US
To: Rebecca Ofrane/R2/USEPA/US@EPA
Cc: Denise Zeno/R2/USEPA/US@EPA, Arlene
Anderson/R2/USEPA/US@EPA, Michael Moltzen/R2/USEPA/US@EPA
Date: 04/04/2012 01:55 PM
Subject: Re: Fw: Cabo Sampling Location Info

that is good news any info on the risk based # yet

Slab data should be here friday

Jeff

▼ Rebecca Ofrane---04/02/2012 06:16:30 PM---I compared the samples to residential RALs (if a given chemical had a cancer and noncancer endpoint,

From: Rebecca Ofrane/R2/USEPA/US
To: Denise Zeno/R2/USEPA/US@EPA
Cc: Arlene Anderson/R2/USEPA/US@EPA, Jeff
Catanzarita/ERT/R2/USEPA/US@EPA, Michael Moltzen/R2/USEPA/US@EPA
Date: 04/02/2012 06:16 PM
Subject: Re: Fw: Cabo Sampling Location Info

I compared the samples to residential RALs (if a given chemical had a cancer and noncancer endpoint, I selected the lowest (most conservative) value). There were no exceedances of these action levels from this draft data. Tomorrow, I'll do an analysis with risk-based levels just for comparison.

Becky Ofrane
U.S. EPA Region 2 | Superfund Risk Assessment
(212) 637 4302
ofrane.rebecca@epa.gov

▼ Denise Zeno---04/02/2012 04:00:28 PM---Becky we don't have a map (yet) but Jeff sent the attached spreadsheet, which has the sample id and

From: Denise Zeno/R2/USEPA/US
To: Rebecca Ofrane/R2/USEPA/US@EPA
Cc: Jeff Catanzarita/ERT/R2/USEPA/US@EPA, Arlene Anderson/R2/USEPA/US@EPA
Date: 04/02/2012 04:00 PM
Subject: Fw: Cabo Sampling Location Info

Becky

we don't have a map (yet) but Jeff sent the attached spreadsheet, which has the sample id and location. the sample #s indicate the type of sample collected.... IA for Indoor air, AMB for ambient and SS for sub-slabs.

can you please provide Jeff with some action #s for the contaminants sampled? he wants to enter those actions #s into Scribe.

----- Forwarded by Denise Zeno/R2/USEPA/US on 04/02/2012 03:49 PM -----

From: Jeff Catanzarita/ERT/R2/USEPA/US
To: Denise Zeno/R2/USEPA/US@EPA, Arlene Anderson/R2/USEPA/US@EPA
Date: 04/02/2012 03:45 PM
Subject: Fw: Cabo Sampling Location Info

Denise,

I would think this would suffice as to the IA cans.

All they need to do is compare their IA action #s with the data. Send me the action numbers and I'll do it

I'll try to put a map together, but it is not going to have data on it until we get final data.

Jeff

----- Forwarded by Jeff Catanzarita/ERT/R2/USEPA/US on 04/02/2012 03:42 PM -----

From: "Cartwright, Michael W" <michael.w.cartwright@lmco.com>
To: Jeff Catanzarita/ERT/R2/USEPA/US@EPA
Date: 04/02/2012 03:41 PM
Subject: Cabo Sampling Location Info

Jeff, a key is attached. I will work on the map.

Thanks

Mike

Michael W. Cartwright
Lockheed Martin - SERAS
2890 Woodbridge Ave.
Edison, NJ 08837
732.321.4284

[attachment "March 2011 Sampling Location Information.xlsx" deleted by Jeff
Catanzarita/ERT/R2/USEPA/US]